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## RAW SEQUENCE LISTING

DATE: 08/23/2004

PATENT APPLICATION: US/10/820,487

TIME: 15:47:56

Input Set : D:\53223-20012.00 - Seqlist.txt

Output Set: N:\CRF4\08232004\J820487.raw

4 <110> APPLICANT: WHITTEN, Jeffrey P.  
 5 SCHWAEBE, Michael  
 6 MORAN, Terrance  
 8 <120> TITLE OF INVENTION: HETEROCYCLIC SUBSTITUTED  
 9 1,4-DIHYDRO-4-OXO-1,8-NAPHTHYRIDINE ANALOGS  
 12 <130> FILE REFERENCE: 5322320001200  
 14 <140> CURRENT APPLICATION NUMBER: US 10/820,487  
 15 <141> CURRENT FILING DATE: 2004-04-07  
 17 <150> PRIOR APPLICATION NUMBER: US 60/461,205  
 18 <151> PRIOR FILING DATE: 2003-04-07  
 20 <150> PRIOR APPLICATION NUMBER: US 60/519,569  
 21 <151> PRIOR FILING DATE: 2003-11-12  
 23 <160> NUMBER OF SEQ ID NOS: 20  
 25 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
 27 <210> SEQ ID NO: 1  
 28 <211> LENGTH: 27  
 29 <212> TYPE: DNA  
 30 <213> ORGANISM: Homo sapiens  
 32 <400> SEQUENCE: 1  
 33 tggggagggt ggggagggtg gggaagg 27  
 35 <210> SEQ ID NO: 2  
 36 <211> LENGTH: 37  
 37 <212> TYPE: DNA  
 38 <213> ORGANISM: Homo sapiens  
 40 <400> SEQUENCE: 2  
 41 gggggggggg gggcgggggc gggggcgggg gaggggc 37  
 43 <210> SEQ ID NO: 3  
 44 <211> LENGTH: 57  
 45 <212> TYPE: DNA  
 46 <213> ORGANISM: Homo sapiens  
 48 <400> SEQUENCE: 3  
 49 gggggggggac gcgggagctg ggggagggtc tggggccagg gcggggcgct taggggg 57  
 51 <210> SEQ ID NO: 4  
 52 <211> LENGTH: 28  
 53 <212> TYPE: DNA  
 54 <213> ORGANISM: Homo sapiens  
 56 <400> SEQUENCE: 4  
 57 aggaagggga gggccggggg gaggtggc 28  
 59 <210> SEQ ID NO: 5  
 60 <211> LENGTH: 22  
 61 <212> TYPE: DNA  
 62 <213> ORGANISM: Homo sapiens  
 64 <400> SEQUENCE: 5

**ENTERED**

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65 aggggcgggg cggggcgggg gc 22
67 <210> SEQ ID NO: 6
68 <211> LENGTH: 25
69 <212> TYPE: DNA
70 <213> ORGANISM: Homo sapiens
72 <400> SEQUENCE: 6
73 gggaggaagg gggcgggagc ggggc 25
75 <210> SEQ ID NO: 7
76 <211> LENGTH: 32
77 <212> TYPE: DNA
78 <213> ORGANISM: Homo sapiens
80 <400> SEQUENCE: 7
81 ggggggcggg ggcgggcgca gggggagggg gc 32
83 <210> SEQ ID NO: 8
84 <211> LENGTH: 23
85 <212> TYPE: DNA
86 <213> ORGANISM: Homo sapiens
88 <400> SEQUENCE: 8
89 cggggcgggg cgggggcggg ggc 23
91 <210> SEQ ID NO: 9
92 <211> LENGTH: 46
93 <212> TYPE: DNA
94 <213> ORGANISM: Homo sapiens
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97 agaggaggag gaggtcacgg aggaggagga gaaggaggag gaggaa 46
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100 <211> LENGTH: 12
101 <212> TYPE: DNA
102 <213> ORGANISM: Homo sapiens
104 <400> SEQUENCE: 10
105 ggaggaggag ga 12
107 <210> SEQ ID NO: 11
108 <211> LENGTH: 38
109 <212> TYPE: DNA
110 <213> ORGANISM: Homo sapiens
112 <400> SEQUENCE: 11
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115 <210> SEQ ID NO: 12
116 <211> LENGTH: 13
117 <212> TYPE: DNA
118 <213> ORGANISM: Homo sapiens
120 <400> SEQUENCE: 12
121 ggagggggag ggg 13
123 <210> SEQ ID NO: 13
124 <211> LENGTH: 27
125 <212> TYPE: DNA
126 <213> ORGANISM: Homo sapiens
128 <400> SEQUENCE: 13
129 aggagaagga ggaggtggag gaggagg 27

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131 <210> SEQ ID NO: 14
132 <211> LENGTH: 33
133 <212> TYPE: DNA
134 <213> ORGANISM: Homo sapiens
136 <400> SEQUENCE: 14
137 aggaggagga gaatgcgagg aggagggagg aga. 33
139 <210> SEQ ID NO: 15
140 <211> LENGTH: 36
141 <212> TYPE: DNA
142 <213> ORGANISM: Homo sapiens
144 <400> SEQUENCE: 15
145 ggggcggggcc gggggcgggg tcccggcggg gcggag 36
147 <210> SEQ ID NO: 16
148 <211> LENGTH: 27
149 <212> TYPE: DNA
150 <213> ORGANISM: Homo sapiens
152 <400> SEQUENCE: 16
153 cgggaggagg aggaaggagg aagcgcg 27
155 <210> SEQ ID NO: 17
156 <211> LENGTH: 15
157 <212> TYPE: DNA
158 <213> ORGANISM: Homo sapiens
160 <400> SEQUENCE: 17
161 tccaactatg tatac 15
163 <210> SEQ ID NO: 18
164 <211> LENGTH: 35
165 <212> TYPE: DNA
166 <213> ORGANISM: Homo sapiens
168 <400> SEQUENCE: 18
169 ttagcgacac gcaattgcta tagtgagtcg tatta 35
171 <210> SEQ ID NO: 19
172 <211> LENGTH: 45
173 <212> TYPE: DNA
174 <213> ORGANISM: Artificial Sequence
176 <220> FEATURE:
177 <223> OTHER INFORMATION: Primer
179 <400> SEQUENCE: 19
180 agtctgactg actgtacgta gctaatacga ctactatag caatt 45
182 <210> SEQ ID NO: 20
183 <211> LENGTH: 99
184 <212> TYPE: DNA
185 <213> ORGANISM: Homo sapiens
187 <400> SEQUENCE: 20
188 tccaactatg tatactgggg aggggtgggga ggggtggggaa ggttagcgac acgcaattgc 60
189 tatagtgagt cgtattagct acgtacagtc agtcagact 99

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**VERIFICATION SUMMARY**

DATE: 08/23/2004

PATENT APPLICATION: US/10/820,487

TIME: 15:47:58

Input Set : D:\53223-20012.00 - Seqlist.txt

Output Set: N:\CRF4\08232004\J820487.raw